

EXHIBIT A

RESUME OF MORRIS PRIPSTEIN

Date of Birth: November 24, 1935
Place of Birth: Montreal, Canada
Citizenship: USA

UNIVERSITY EDUCATION

| <u>Dates</u> | <u>University</u> | <u>Major</u> | <u>DegreeReceived</u> | <u>Date of Degree</u> |
|--------------|--|------------------------|-----------------------|-----------------------|
| 1952-1957 | McGill University (Montreal, Canada) | Engineering Physics | B. Eng. | 1957 |
| 1957-1962 | University of California (Berkeley, California) | High-Energy Physics | Ph.D. | 1962 |

EMPLOYMENT

| <u>Dates</u> | <u>Position and Institution</u> |
|--------------|---|
| 1962-1963 | Research Physicist (Louis de Broglie Fellow) at Laboratoire de Physique Atomique et Moleculaire, College de France, Paris, France. |
| 1963-1965 | Research Assistant Professor, Physics Department, University of Illinois, Urbana, Illinois. |
| 1965-1967 | Research Physicist, Alvarez Group/Group A, University of California, Lawrence Radiation Laboratory, Berkeley California. |
| 1967-2005 | Senior Staff Physicist, University of California, Lawrence Radiation Laboratory, Berkeley California |
| 1967-1994 | Member of Physics Group A, University of California, Lawrence Radiation Laboratory, Berkeley California |
| 1973-1976 | Head, Physics Group A, University of California, Lawrence Berkeley Laboratory, Berkeley California (largest U.S. experimental particle physics group at the time) |
| 1976-1977 | Institute Fellow, Weizmann Institute of Science, Rehovot, Israel. |
| 1986-1987 | IN2P3-LBNL Exchange Fellow, Lab. d'Annecy-le-Vieux de Phys. des Particules (LAPP), Annecy, France, and CERN, Geneva, Switzerland |
| 1994-2002 | Head, BaBar Physics Group, University of California, Lawrence Berkeley National Laboratory, Berkeley California. |
| 2002-2004 | DOE Program Manager for the U.S. Large Hadron Collider (LHC) Program, as an IPA at DOE Office of High Energy Physics, Germantown, MD |
| 2005-present | NSF Program Manager for the U.S. Large Hadron Collider (LHC) Program |

Name: Morris Pripstein

Date: March 2008

1. Brief Description of Research Activities

Performing experiments and detector R&D in particle physics:

--at the Berkeley Bevatron until 1972: (1) bubble chamber physics, mostly with the Alvarez Group/Group A, studying strange particle interactions; (2) spokesperson for a series of experiments comprising a systematic study of pion-nucleon charge-exchange interactions, using 4-pi (solid angle) optical spark chambers with polarized targets as well as liquid hydrogen targets;

--at Fermilab, 1972-1976, leader of the LBL group in the Caltech-LBL collaboration in a series of first-round experiments studying pion-nucleon charge-exchange interactions at high energies;

--at SLAC, 1977-1987, to study the physics of electron-positron interactions at PEP, using the Time-Projection-Chamber (TPC); as a senior member involved in the design, construction and operation of the TPC detector as well as data analysis;

--1987-1993, detector R&D in hadron calorimetry for the Superconducting Super Collider (SSC);

--1994-2002, head of the LBNL group in the BaBar Collaboration to study the physics of CP violation in electron-positron interactions at the PEP II B-Factory at SLAC

--2004-2005, detector R&D for an LBNL interdisciplinary instrumentation initiative

2. Publications

More than 350 papers.

3. Professional Activities

High Energy Physics Grant Selection Committee for the National Research Council of Canada, 1972-1973

Nominations Committee of the Division of Particles and Fields of the American Physical Society, 1972-1973

DOE Technical Assessment Committee for University Programs (TACUP), 1982

4. Committee Service at Lawrence Berkeley National Laboratory

Physics Division Advisory Committee, 1970, 1974-1976

Laboratory Staff Committee, 1978-1981

Physics Division P-Cubed Advisory Committee, 1999-2002, 2004-2005

5. Administrative

Head of the Lawrence Berkeley Laboratory Physics Group A, 1973-1976

Head of the Lawrence Berkeley National Laboratory BaBar Physics Group, 1994-2002

DOE Program Manager for the U.S. LHC Program, 2002-2004

NSF Program Manager for the U.S. LHC Program, 2005-present

6. Teaching Activities

Canadian Institute of Particle Physics International Summer School, McGill University, June 1975

7. Awards

Louis de Broglie Fellow, Laboratoire de Physique Atomique et Moléculaire, Collège de France, Paris, France, 1962-1963

Visiting Distinguished Scientist, McGill University, Montreal, Canada, August 1974

Institute Fellow, Weizmann Institute of Science, Rehovot, Israel, 1976-1977

INP2P3-LBNL Exchange Fellow, Lab. d'Annecy-le-Vieux de Physique de Particules (LAPP), Annecy, France, 1986-1987

Fellow of the American Physical Society (APS), since 1991

Pagels Human Rights Award of the New York Academy of Sciences, September 1988 (first recipient: Andrei Sakharov)